

Converting Colors

$Y_{xy}(24.6019, 0.5052, 0.2865)$

Have a look what the booklet for
Yxy(24.6019, 0.5052, 0.2865)
contains.

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Color

Yxy(24.5716, 0.5058, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	F83E70
RGB	248, 62, 112
RGB Percent	97%, 24%, 44%
CMY	0.0276, 0.7566, 0.5608
CMYK	0.00, 0.75, 0.55, 0.03
HSL	344°, 93%, 61%
HSV	344°, 75%, 97%
XYZ	43.3495, 24.5716, 17.7838
YIQ	123.3140, 94.8060, 54.9820

Conversions

Conversions Part 2

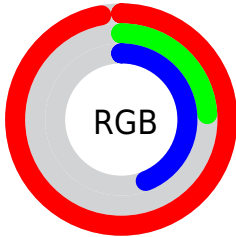
Format	Color
R_{YB}	248, 62, 112
Decimal	16268912
CIE _{Lab}	56.66, 71.70, 15.94
CIE _{LCh}	57, 73.455, 12.536
Yxy	24.5716, 0.5058, 0.2867
Android (android.graphics.Color)	4294458992 (0xFFFF83E70)
YUV	123.3140, -5.5778, 109.3496
Hunter-Lab	49.5697, 69.3541, 13.4278

Details

The Yxy color **24.5716, 0.5058, 0.2867** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **72.2204, 0.2500, 0.3947**, and the grayscale version is **19.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3196, 0.4155, 0.2892**, and **10.6959, 0.5572, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **22.0962, 0.5437, 0.2903**, and if you desaturate by 10%, it is **28.3606, 0.4674, 0.2873**.

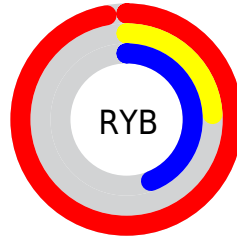
Distribution



Red (97%)

Green (24%)

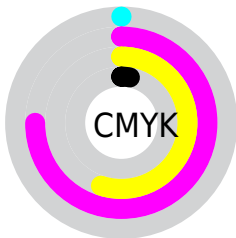
Blue (44%)



Red (97%)

Yellow (24%)

Blue (44%)

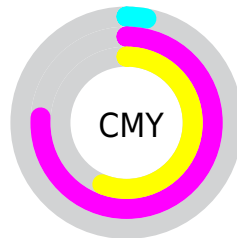


Cyan (0%)

Magenta (75%)

Yellow (55%)

Black (3%)



Cyan (3%)


Magenta (76%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5716, 0.5058, 0.2867 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.5716, 0.5058, 0.2867 by changing the saturation by 10% instead.


 24.5716, 0.5058,
0.2867


 24.5716, 0.5058,
0.2867


275.6977, 0.3995,
0.3138

 15.7582, 0.5350,
0.2777


 50.9614, 0.4650,
0.2981

 9.3532, 0.5736,
0.2648


 69.3065, 0.4504,
0.3020

 4.9723, 0.6263,
0.2454

 91.5977, 0.4382,
0.3050

 2.2310, 0.7001,
0.2142

 118.2193, 0.4280,
0.3074

 0.7368, 0.8337,
0.1663

 149.5557, 0.4192,
0.3095

 0.0000, 1.0000,
0.0000

185.9913, 0.4117,

 0.0000, 0.0000,

0.3112

0.0000

227.9105, 0.4052,
0.3126

■ 24.5716, 0.5058,
0.2867

■ 24.5716, 0.5058,
0.2867

■ 22.0962, 0.5437,
0.2903

■ 28.3606, 0.4674,
0.2873

■ 20.7429, 0.5770,
0.2983


■ 33.6114, 0.4317,
0.2912


■ 20.3507, 0.5914,
0.3031


■ 40.4570, 0.4002,
0.2971

■ 49.0139, 0.3736,
0.3042

■ 59.3879, 0.3515,
0.3115

 71.6760, 0.3335,
0.3188

 85.9684, 0.3189,
0.3257

 98.6904, 0.3084,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.5716, 0.3860, 0.2216



24.5716, 0.5058, 0.2867



24.5716, 0.5530, 0.3606

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.5716, 0.5058, 0.2867



24.5716, 0.3207, 0.5664



24.5716, 0.1296, 0.1697

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.5716, 0.5058, 0.2867



72.2204, 0.2500, 0.3947

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.5716, 0.1195, 0.2221



24.5716, 0.5058, 0.2867



24.5716, 0.2165, 0.4869

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.5716, 0.5058, 0.2867



24.5716, 0.4282, 0.5270



24.5716, 0.1454, 0.3338



24.5716, 0.1741, 0.1578

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.5716, 0.5058, 0.2867



24.5716, 0.5359, 0.4143



24.5716, 0.1454, 0.3338



24.5716, 0.1226, 0.1818

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.5730, 0.5058, 0.2867



66.9140, 0.3459, 0.3137



21.8699, 0.2679, 0.1421



13.6026, 0.3511, 0.3117



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5730, 0.5058, 0.2867



22.6670, 0.5617, 0.2939



29.8704, 0.5395, 0.3633



17.3018, 0.3252, 0.3227



11.0166, 0.5874, 0.3010



1.0372, 0.5539, 0.2825

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.5730, 0.5058, 0.2867



22.6670, 0.5617, 0.2939



52.7622, 0.2169, 0.2763



17.3018, 0.3252, 0.3227



11.0166, 0.5874, 0.3010



1.0372, 0.5539, 0.2825

Previews

White Background



This preview shows how the Yxy color 24.5716, 0.5058, 0.2867 looks on a white background.

Color Contrast Check

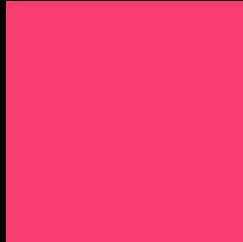
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.5716, 0.5058, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

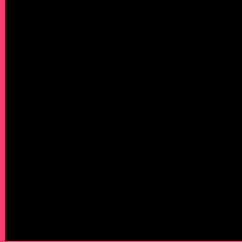
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.5716, 0.5058, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 24.5716, 0.5058, 0.2867.



This preview shows how white text looks on a background with the Yxy color 24.5716, 0.5058, 0.2867.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.5716, 0.5058, 0.2867

Protanopia

24.6488, 0.2986, 0.3056

Deuteranopia

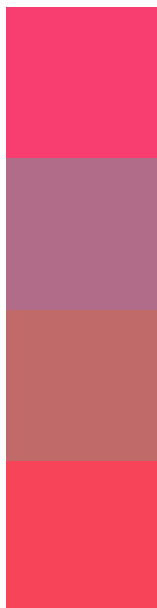
24.6855, 0.3796, 0.3739



Tritanopia

24.5937, 0.5523, 0.3274

Trichromacy



Original Color

24.5716, 0.5058, 0.2867

Protanomaly

21.7328, 0.3672, 0.2880

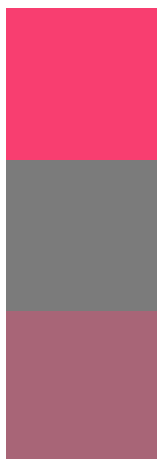
Deuteranomaly

22.5551, 0.4307, 0.3294

Tritanomaly

24.6130, 0.5370, 0.3133

Monochromacy



Original Color

24.5716, 0.5058, 0.2867

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.9641, 0.3834, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5716, 0.5058, 0.2867 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(248, 62, 112)` looks like.

```
.text, #text, p{  
  color:rgb(248, 62, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(248, 62, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 62, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.5716, 0.5058, 0.2867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 62, 112) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(248, 62, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(248, 62, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 62, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 62, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 62,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5716, 0.5058, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 62, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(248, 62,  
112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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